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WHAT IS CLAIMED IS:

1. A compound consisting of a non-steroidal antiinflammatory drug (NSAID) linked to a sugar, with the proviso that said compound is not an indolyl acid amide.
2. The compound of claim 1, wherein said NSAID is naproxan.
3. The compound of claim 1, wherein said NSAID is acetaminophen.
4. The compound of claim 1, wherein said NSAID is a substituted pyrazolyl benzenesulfonamide.
5. The compound of claim 4, wherein said substituted pyrazolyl benzenesulfonamide is celcoxib.
6. The compound of claim 1, wherein said NSAID is a diaryl-5-oxygenated-2-(5H)-furanone.
7. The compound of claim 6, wherein said diaryl-5-oxygenated-2-(5H)-furanone is rofecoxib.
8. The compound of claim 1, wherein said sugar is glucose, glucosamine, glucuronic acid, ribose, or the 2-deoxy derivatives thereof.
9. A pharmaceutical composition comprising the compound of claim 1 and a pharmaceutically acceptable carrier.
10. A method of treating or preventing pain, fever, condition characterized by an inflammatory process or cancer, comprising administering

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to an animal in need thereof an effective amount of a compound consisting of a non-steroidal antiinflammatory drug linked to a sugar, with the proviso that said compound is not an indolyl acid amide.

11. A method of treating or preventing pain, fever, condition characterized by an inflammatory process or cancer, with reduced and/or fewer side effects, comprising administering to an animal in need thereof an effective amount of a compound consisting of an NSAID linked to a sugar, whereby the animal is treated or the condition is prevented with reduced and/or fewer side effects compared to when the corresponding underivatized NSAID is administered to the animal.